

KONRAD RAYNES & VICTOR, LLP

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Beverly Hills, California 90212

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TO: Commissioner for Patents
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Group Art Unit 2145
Patent Examining Corps
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FROM: David W. Victor

OUR REF: 0037.0096
TELEPHONE: 310-556-7983

Total pages, including cover letter: 26

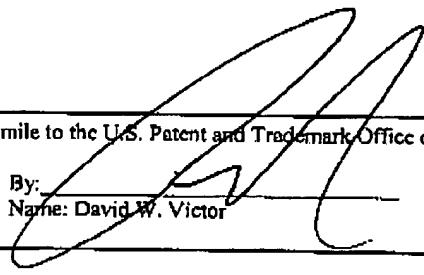
PTO FAX NUMBER 1-703-872-9306

If you do NOT receive all of the pages, please telephone us at 310/556-7983, or fax us at 310/556-7984.

Description of Documents Transmitted: PTO/SB/21 TRANSMITTAL FORM; POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS INDICATION FORM; STATEMENT UNDER 37 CFR 3.73(B); LETTER OF AUTHORITY; COPY OF NOTICE OF RECORDATION OF ASSIGNMENT

Applicant: P.L. Bradshaw et al.
Serial No.: 09/972,207
Filed: October 5, 2001
Group Art Unit: 2145
Docket No.: SJO920010097US1

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on May 19, 2005

By: 
Name: David W. Victor

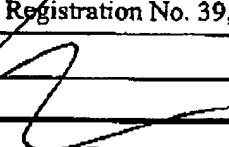
PTO/SB/21
0037.0096

TRANSMITTAL FORM		Application Number	09/972,207
<i>(To be used for all correspondence after initial filing)</i>		Filing Date	October 5, 2001
		Inventor	P.L. Bradshaw et al.
		Group Art Unit	2145
		Examiner Name	A.Q. Choudhury
		Total Number of Pages in this Submission: 26	Attorney Docket Number

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits /Declarations <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; ___ references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Copy of Notice of Recordation of Assignment <input type="checkbox"/> Formal Drawings: ___ sheets <input type="checkbox"/> Licensing-related papers <input type="checkbox"/> Petition: <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation, and/or Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ___ <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Certificate of Correction of Applicant's Mistake (37 CFR 1.323) <input type="checkbox"/> Certificate of Correction of Office Mistake (37 CFR 1.322) <input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Fee Address Indication Form <input checked="" type="checkbox"/> Other Enclosure(s) Statement Under 37 CFR 3.73 (b); letter of Authority
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name:	David W. Victor, Registration No. 39,867
Signature:	
Date:	May 19, 2005
KONRAD RAYNES & VICTOR, LLP 315 South Beverly Drive, Suite 210 Beverly Hills, California 90212 (310) 556-7983	
<input checked="" type="checkbox"/> The Commissioner is authorized to charge any deficiency of fees, or credit any overpayment, to Deposit Account No. 09-0466	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): P.L. Bradshaw et al. Examiner 2145
 Serial No. 09/972,207 Group Art Unit A.Q. Choudhury
 Filed October 5, 2001 Docket No. SJO920010097US1
 TITLE STORAGE AREA NETWORK METHODS AND APPARATUS WITH
 HIERARCHICAL FILE SYSTEM EXTENSION POLICY

POWER OF ATTORNEY AND
CORRESPONDENCE ADDRESS INDICATION FORM

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint the Practitioners associated with the Customer Number:

46917

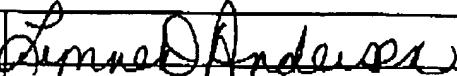
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer Number.

I am the:

Applicant/Inventor
 Assignee of record of the entire interest. (Statement under 37 CFR 3.73(b) is enclosed)

SIGNATURE of Applicant or Assignee of Record

Signature:			
Name	Lynne D. Anderson	Date:	2-18-05
Company	International Business Machines Corporation		
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.			
<input type="checkbox"/> *Total of _____ forms are submitted.			

STATEMENT UNDER 37 CFR 3.73(b)

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Applicant/Patent Owner: International Business Machines CorporationApplication No./Patent No.: 09/972,207Filed/Issue Date: October 5, 2001Entitled: **STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY**

International Business Machines Corporation
(Name of Assignee)

Corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012726, Frame 0112, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
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Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to: Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:		Date:	2-18-05
Name	Lynne D. Anderson	Telephone Number	703-299-1455
Title	Program Manager - U.S. Patent and Trademark Office Liaison»		

LETTER OF AUTHORITY

I, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lynne D. Anderson, Program Manager, Patent Office Liaison.

Date: April 6, 2004



Gerald Rosenthal
Vice President, Intellectual Property & Licensing
International Business Machines Corporation



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MAY 23, 2002

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Chief Information Officer
Washington, DC 20231
www.uspto.gov

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DAVID J. POWSNER
ONE INTERNATIONAL PLACE
BOSTON, MA 02110-2699



102039425A

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RECORDATION DATE: 03/15/2002

REEL/FRAME: 012726/0112
NUMBER OF PAGES: 18

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

BRADSHAW, PAUL LAWRENCE

DOC DATE: 12/24/2001

ASSIGNEE:

DELAIRE, BRIAN AUGUSTINE

DOC DATE: 02/21/2002

ASSIGNEE:

DOUGLAS, DANIEL GRAHAM

DOC DATE: 12/13/2001

ASSIGNEE:

DUNHAM, DOUGLAS PAUL

DOC DATE: 12/12/2001

ASSIGNEE:

DUNTON, TINA LYNN

DOC DATE: 01/07/2002

ASSIGNEE:

GROVES, DAVID WILSON

DOC DATE: 01/02/2002

ASSIGNEE:

HOANG, VINCENT JOMARTIN

DOC DATE: 12/11/2001

012726/0112 PAGE 2

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ASSIGNOR:
HOBBS, NANCY LOTT

DOC DATE: 12/12/2001

ASSIGNOR:
HSU, HIS TAI (STEVE)

DOC DATE: 02/23/2002

ASSIGNOR:
LORBER, LOUIS LEO

DOC DATE: 12/12/2001

ASSIGNOR:
NGUYEN, NGOC V.

DOC DATE: 12/14/2001

ASSIGNOR:
TEVIS, GREGORY JOHN

DOC DATE: 02/26/2002

ASSIGNOR:
YIP, OPHELIA K.

DOC DATE: 02/27/2002

ASSIGNEE:
INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09972207

FILING DATE: 10/05/2001

PATENT NUMBER:

ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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FORM PTO-1075A
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OMB 0651-0027

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 Reel # Frame #
 Corrective Document
 Reel # Frame #

Conveyance Type

Assignment Security Agreement
 License Change of Name
 Merger Other

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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year
12242001

Name (line 1) Paul Lawrence Bradshaw

Name (line 2)

Second Party

Name (line 1) Brian Augustine Delaire

Name (line 2)

Execution Date
Month Day Year
02212002

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) International Business Machines Corporation

If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Name (line 2)

Address (line 1) New Orchard Road

Address (line 2)

Address (line 3) Armonk

City

New York

State/Country

10504

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Correspondent Name and Address

Area Code and Telephone Number Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document
including any attachments.#

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<input type="text" value="09972207"/>	<input type="text"/>				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Number(s)

Month Day Year

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT
only if a U.S. Application Number PCT PCT PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ Method of Payment:
Deposit AccountEnclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David J. Powsner

Name of Person Signing

Signature

3/8/02
Date

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<p>Conveying Party(ies) <input checked="" type="checkbox"/> Mark if additional names of conveying parties attached</p> <p><i>Enter additional Conveying Parties</i></p> <p>Name (line 1) <input type="text" value="Daniel Graham Douglas"/> Execution Date Month Day Year 12132001</p> <p>Name (line 2) <input type="text"/> Execution Date Month Day Year</p> <p>Name (line 1) <input type="text" value="Douglas Paul Dunham"/> Execution Date Month Day Year 12122001</p> <p>Name (line 2) <input type="text"/> Execution Date Month Day Year</p> <p>Name (line 1) <input type="text" value="Tina Lynn Dunton"/> Execution Date Month Day Year 01072002</p> <p>Name (line 2) <input type="text"/> Execution Date Month Day Year</p> <p>Receiving Party(ies) <input type="checkbox"/> Mark if additional names of receiving parties attached</p> <p><i>Enter additional Receiving Party(ies)</i></p> <p>Name (line 1) <input type="text"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)</p> <p>Name (line 2) <input type="text"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)</p> <p>Address (line 1) <input type="text"/> City <input type="text"/> State/Country <input type="text"/> Zip Code</p> <p>Address (line 2) <input type="text"/> City <input type="text"/> State/Country <input type="text"/> Zip Code</p> <p>Address (line 3) <input type="text"/> City <input type="text"/> State/Country <input type="text"/> Zip Code</p> <p>Address (line 1) <input type="text"/> City <input type="text"/> State/Country <input type="text"/> Zip Code</p> <p>Address (line 2) <input type="text"/> City <input type="text"/> State/Country <input type="text"/> Zip Code</p> <p>Address (line 3) <input type="text"/> City <input type="text"/> State/Country <input type="text"/> Zip Code</p> <p>Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached</p> <p><i>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> Patent Application Number(s) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </td> <td style="width: 50%; vertical-align: top;"> Patent Number(s) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </td> </tr> </table>			Patent Application Number(s) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Patent Number(s) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
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Enter additional Conveying Parties					
Name (line 1) <input type="text" value="David Wilson Groves"/>				Execution Date Month Day Year 01022002	
Name (line 2) <input type="text"/>				Execution Date Month Day Year 12112001	
Name (line 1) <input type="text" value="Vincent Jomartin Hoang"/>				Execution Date Month Day Year 12112001	
Name (line 2) <input type="text"/>				Execution Date Month Day Year 12122001	
Name (line 1) <input type="text" value="Nancy Lott Hobbs"/>				Execution Date Month Day Year 12122001	
Name (line 2) <input type="text"/>					
Receiving Party(ies) <input type="checkbox"/> Mark if additional names of receiving parties attached					
Enter additional Receiving Party(ies)					
Name (line 1) <input type="text"/>				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2) <input type="text"/>				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Address (line 1) <input type="text"/>				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Address (line 2) <input type="text"/>				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Address (line 3) <input type="text"/>		City <input type="text"/>	State/Country <input type="text"/>	Zip Code <input type="text"/>	
Name (line 1) <input type="text"/>				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2) <input type="text"/>				<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
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Address (line 3) <input type="text"/>		City <input type="text"/>	State/Country <input type="text"/>	Zip Code <input type="text"/>	
Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached					
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
Patent Application Number(s) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>			Patent Number(s) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		

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Name (line 1) His Tai (Steve) Hsu

Execution Date
Month Day Year
02232002

Name (line 2)

Name (line 1) Louis Leo Lorber

Execution Date
Month Day Year
12122001

Name (line 2)

Name (line 1) Ngoc V. Nguyen

Execution Date
Month Day Year
12142001

Name (line 2)

Receiving Party(ies)

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Name (line 1)

 If document to be recorded
is an assignment and the
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domiciled in the United
States, an appointment
of a domestic representative
is attached. (Designation
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Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

 If document to be recorded
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receiving party is not
domiciled in the United
States, an appointment
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Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

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City

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Zip Code

Application Number(s) or Patent Number(s)

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

 Mark if additional numbers attached

Patent Application Number(s)

Patent Number(s)

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Name (line 1)

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Execution Date
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02262002

Name (line 2)

Execution Date
Month Day Year

02272002

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

02272002

Receiving Party(ies)

Enter additional Receiving Party(ies)

Name (line 1)

Mark if additional names of receiving parties attached

If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic representative
is attached. (Designation
must be a separate
document from
Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
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Patent Number(s)

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<input type="text"/>	<input type="text"/>	<input type="text"/>

U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

DOCKET: SJ09-2001-0097

ASSIGNMENT

Whereas, we

(1) Paul Lawrence Bradshaw of 309 Heavenly Way, Santa Cruz, County of Santa Cruz and State of California,
 and (2) Brian Augustine Delaire of 38448 Crosspointe Cmn., Fremont, County of Alameda and State of California,
 and (3) Daniel Graham Douglas of 1607 Puerto Vallarta Drive, San Jose, County of Santa Clara and State of California,
 and (4) Douglas Paul Dunham of 89 Cashew Blossom Drive, San Jose, County of Santa Clara and State of California,
 and (5) Tina Lynn Dunton of 5690 Lilac Blossom Lane, San Jose, County of Santa Clara and State of California,
 and (6) David Wilson Groves of 1118 Settle Avenue, San Jose, County of Santa Clara and State of California,
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 and (8) Nancy Lott Hobbs of 969 Leighton Way, Sunnyvale, County of Santa Clara and State of California,
 and (9) His Tai (Steve) Hsu of ., County of . and State of .,
 and (10) Louis Leo Lorber of 205 Alviso Street, Santa Clara, County of Santa Clara and State of California,
 and (11) Ngoc V. Nguyen of ., County of . and State of .,
 and (12) Gregory John Tevis of 2811 West Puccini Place, Tucson, County of Pima and State of Arizona,
 and (13) Ophelia K. Yip of 1717 Taraval Street, San Francisco, County of San Francisco and State of California,

COPY

have invented certain improvements in

STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY

and executed, respectively, a United States patent application therefor on

(1) 12/24, 2001, (2) _____, 2001, (3) _____, 2001, (4) _____, 2001,
 (5) _____, 2001, (6) _____, 2001, (7) _____, 2001, (8) _____, 2001,
 (9) _____, 2001, (10) _____, 2001, (11) _____, 2001, (12) _____, 2001,
 (13) _____, 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desired to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor:

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

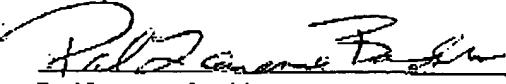
U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

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Signed and sealed

(1) at 7:00 PM
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 on _____, 2001.


 Paul Lawrence Bradshaw _____ Signature
 Brian Augustine Delaire _____ Inventor
 Daniel Graham Douglas _____ Signature
 Douglas Paul Dunham _____ Inventor
 Tina Lynn Dunton _____ Signature
 David Wilson Groves _____ Inventor
 Vincent Jomartin Hoang _____ Signature
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(2) at San Jose
on 2/21/02, 2001,
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on 12/12, 2001,
(11) at _____
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on _____, 2001,
(13) at San Jose
on 2/27/02, 2001,

Paul Lawrence Bradshaw <u>Brian Delaire</u>	Signature Inventor
Brian Augustine Delaire	Signature Inventor
Daniel Graham Douglas <u>Douglas Paul Dunham</u>	Signature Inventor
Tina Lynn Dunton <u>David Wilson Groves</u>	Signature Inventor
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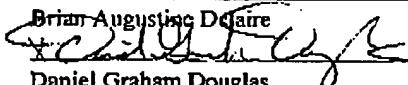
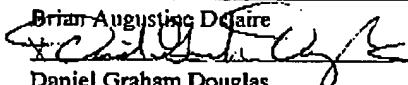
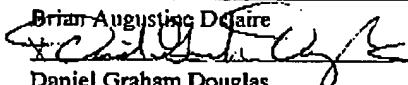
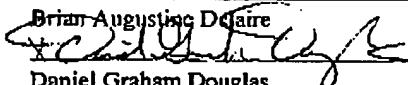
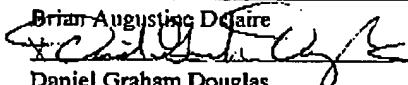
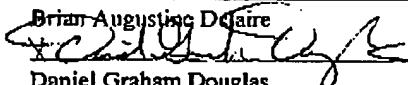
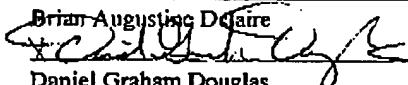
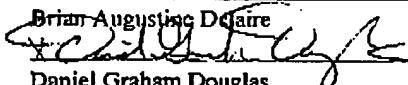
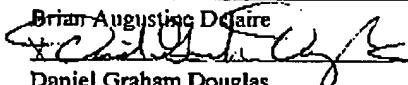
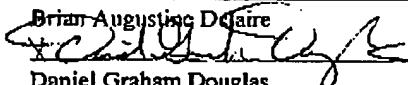
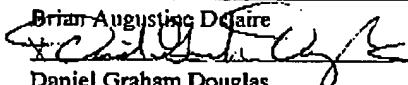
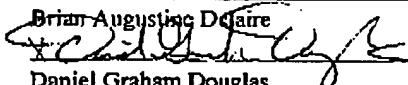
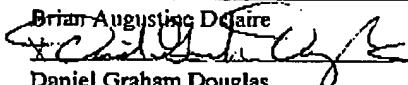
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Paul Lawrence Bradshaw	Signature
	Inventor
Brian Augustine DeCaire	Signature
	Inventor
Daniel Graham Douglas	Signature
	Inventor
Douglas Paul Dunham	Signature
	Inventor
Tina Lynn Dunton	Signature
	Inventor
David Wilson Groves	Signature
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	Inventor
Ophelia K. Yip	Signature
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Paul Lawrence Bradshaw	Signature
	Inventor
Brian Augustine Delaire	Signature
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	Inventor
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Paul Lawrence Bradshaw	Signature
	Inventor
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 on _____, 2001,

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Daniel Graham Douglas	Signature
Douglas Paul Dunham	Inventor
Tina Lynn Dunton	Signature
David Wilson Groves	Inventor
Vincent Jomartin Hoang	Signature
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Ophelia K. Yip	Signature
	Inventor

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Bradshaw et al.
 Serial No. 09/972,207
 Filing Date: October 5, 2001
 for STORAGE AREA NETWORK METHODS
 AND APPARATUS WITH
 HIERARCHICAL FILE SYSTEM
 EXTENSION POLICY

Examiner:

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Art Unit:

Attorney Docket: SJ09-2001-0097

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Respectfully submitted,

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David J. Powsner, Reg. No. 31,868

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